

Notice for Inviting the Quotation

Name of work : Requirement of Communication cable – SABIX cable – 10X0.5 mm² (Item no. 6280100).

Chief Operating Officer, Monorail-PIU, Mumbai Monorail Depot, MMRDA, Next to Anik Bus Depot, Wadala (East), Mumbai-400037 invites sealed quotations along with technical datasheet from Manufacturers/Distributors Dealers/Other Firms on/before April 12th, 2021 for supply of SABIX A 280 FRNC X10X 0.5 mm² for Mumbai Monorail as per following requirement:

Sr.No.	Item Description	Make	Qty	UoM	Rate (in INR)	GST (if any)	Total Amount (in INR)
1	SABIX A 280 FRNC X 10x 0,5 mm ² Description: halogen-free connection cable. Item no. 6280100, Type: SABIX A 280 FRNC X Dimension: 10 x 0,5 mm 2 Outer Φ approx.: 8,2 mm Colour: black Flexible use: not allowed Fixed laying: -50 ° C/+105 ° C Nom. Voltage U _o /U:500/750 V Technical details as per attached in annexure - I	Sabix	500	Meters			

Terms and conditions:-

1. The quotation shall be addressed in the name of: Mumbai Metropolitan Region Development Authority.
2. The quotation must be provided on the company's letterhead, duly signed and stamped by the authorized personnel.
3. Rate quotes shall be valid for a period of 3 months.
4. Price basis: DDP Monorail Depot- Wadala, Mumbai.
5. Delivery Terms: The delivery schedule must be mentioned in the quotation.
6. Warranty period: Minimum 01 year from the date of supply.
7. Payment terms: Offer to be marked in favour of: Mumbai Metropolitan Region Development Authority. 100% payment shall be released within 30 days after the receipt and acceptance of material at Mumbai Monorail Wadala depot.
8. The quotation shall be addressed in the name of: Mumbai Metropolitan Region Development Authority.
9. Liquidated Damages- In case the supply/completion of work is delayed from Seller Ex-works / Seller as per delivery schedule as mentioned in the purchase order due to the reasons solely attributed to the seller/supplier, the supplier shall be liable to pay the liquidated damages i.e. LD @ 0.5% for every 7 calendar days of delay, subject to maximum upto 5% of total purchase order value. Liquidated Damages shall be deducted from any amount payable to the supplier.

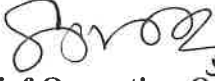
Mumbai Metropolitan Region Development Authority

Bandra-Kurla Complex, Bandra East, Mumbai 400 051

T +91 22 2659 1234 EPABX +91 22 2659 0001 / 4000 F +91 22 2659 1112 / 1264



10. Shipment documents in Original: Tax Invoices, Delivery Challan / E-way bill, packing list, warranty certificate, Test certificate/Certificate of conformity etc. as applicable
11. The name of work & reference no. shall be written on the sealed envelope.
12. Vendors shall quote for all the items. Incomplete quotations will be rejected.
13. Quotation opening date: within 01 week from the last date of submission of quotation.



5.4.2021
Chief Operating Officer,
Mono-PIU,MMRDA



Annexure I

Marking for SABIX® A 280 FRNC X 62800505:
 SAB BRÖCKSKES · D-VIERSEN · SABIX® A 280 FRNC X 5 x 0,5 mm² C€

Construction:	
Conductor:	tinned copper strands fine wires acc. to IEC 60228, VDE 0295, class 5
Insulation:	special SABIX®
Single conductor:	
Colour code:	white (similar RAL 9010)
Multi-core cable:	
Colour code:	white cores with consecutive numbers acc. to EN 50334 + VDE 0293-334
Multi-core cable:	
Stranding:	in layers
Multi-core cable:	
Sheath material:	special SABIX®
Multi-core cable:	
Sheath colour:	black (RAL 9005)

Outstanding features:	
	<ul style="list-style-type: none"> ● halogen-free ● no flame propagation ● flame retardant and self-extinguishing ● good ozone resistance ● good oil and chemical resistance ● fulfils fire protection requirements R15 (EL1A) acc. to EN 45545-2 for hazard levels HL1-3

Technical Data:	
Nominal voltage:	Uo/U 300/500 V
Testing voltage:	core/core 2000 V
Min. bending radius:	5 x d
Temperature range during protected, fixed laying:	-40/+125 °C (single conductor) -50/+125 °C (multi-core cable)
Halogen-free:	acc. to EN 50306-1 + EN 50264-1 are fulfilled. Development of HCl is < 0,5% acc. to IEC 60754-1. pH-value is > 4,3 acc. to IEC 60754-2. Conductivity is < 10,0 µS/mm acc. to IEC 60754-2. Fluoric content < 0,1% acc. to IEC 60884-2
Fire performance:	no flame propagation acc. to IEC 60332-3-24, IEC 60332-3-25 + EN 50305 section 9.1.2. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Toxicity:	acc. to EN 50305 + VDE 0260-305
Smoke density:	acc. to IEC 61034 + VDE 0482-1034
Absence of harmful substances:	acc. to RoHS directive of the European Union

Item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km	ohmic resistance at 20 °C max. Ω/km	heating value approx. kWh/km
62800105	1 x 0,50	0,21	1,7	4,8	7	40,1	13,0
62800305	3 x 0,50	0,21	4,7	14,4	35	40,1	115
62800505	5 x 0,50	0,21	5,8	24,0	50	40,1	170
62800805	8 x 0,50	0,21	7,3	38,4	83	40,1	246
62801005	10 x 0,50	0,21	8,1	48,0	97	40,1	275
62801205	12 x 0,50	0,21	8,4	57,6	112	40,1	306
62800607	6 x 0,75	0,21	7,2	43,2	86	26,7	237
62800807	8 x 0,75	0,21	7,3	57,6	101	26,7	245
62801007	10 x 0,75	0,21	9,4	72,0	133	26,7	345
62800110	1 x 1,00	0,21	2,1	9,6	12	20,0	16,0
62800310	3 x 1,00	0,21	5,5	28,8	55	20,0	162
62800410	4 x 1,00	0,21	6,2	38,4	71	20,0	186
62800610	6 x 1,00	0,21	7,5	57,6	101	20,0	252
62800810	8 x 1,00	0,21	9,0	76,8	135	20,0	338
62801010	10 x 1,00	0,21	10,1	96,0	164	20,0	402
62800115	1 x 1,50	0,21	2,5	14,4	17	13,7	22,5
62800315	3 x 1,50	0,21	6,8	43,2	68	13,7	210
62800125	1 x 2,50	0,26	3,1	24,0	27	8,21	34,0


 5.4.2021